

## Claims

- [c1] 1. A damper comprising a radial trench, wherein the radial trench is caved into a lateral surface area of the damper and a shape of a traversal cross-section parallel to a radius of a damper is not 90-degrees-cyclic-quadrant-symmetric.
- [c2] 2. The damper in claim 1, wherein the shape of the traversal cross-section parallel to the radius of the damper comprises at least two different curves.
- [c3] 3. The damper in claim 1 further comprises a longitudinal through-hole that penetrates through the damper is parallel to a longitude of the damper.
- [c4] 4. A damper comprising a radial trench and a slot, wherein the radial trench is caved into a lateral surface area of the damper and the slot is caved into outer surfaces of the damper.
- [c5] 5. The damper in claim 4, wherein the slot is a longitudinal slot which caves into the outer surfaces of the damper and are parallel to a longitude of the damper.
- [c6] 6. The damper in claim 5, wherein the radial trench intersects with the slot.
- [c7] 7. The damper in claim 4 further comprising a longitudinal through-hole that penetrates through the damper and is parallel to a longitude of the damper.
- [c8] 8 A damper structure comprising:  
a damper comprising a radial trench which caves into a lateral surface area of the damper and is parallel to a radius of the damper;  
a clamp which engages to clamp onto the damper by the radial trench, wherein a surface contact area between the clamp and the damper is smaller than an inner surface area of the radial trench.
- [c9] 9. The damper in claim 9, wherein the damper further comprising a longitudinal through-hole which penetrates through the damper and is parallel to a longitude of the damper.